

CONTROLLED MATERIALS PLAN  
( C M P )

DEFENSE BULLETIN No. 28

October 12, 1951

NPA CUT-OFF DATE FOR THIRD-QUARTER  
ORDERS DOES NOT APPLY TO ACSR

On October 1, 1951, NPA issued Direction 7 to CMP Regulation 1 prohibiting a customer from accepting delivery of any third-quarter controlled materials order not shipped by October 7, 1951, unless a fourth-quarter CMP allotment was applied to it.

However, NPA has since ruled that this new cut-off date does not apply to third quarter orders for ACSR, in view of the terms of the directive under which the latter product is manufactured.

As a result of this interpretation, REA borrowers may accept delivery of ACSR on orders which had been accepted by the supplier for delivery during the third quarter, even though delivery is not made until after October 7 and even though fourth-quarter CMP allotments are not applied to them.

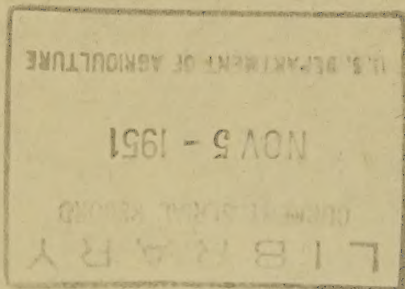
NPA has also indicated that certain shipments of copper and steel controlled materials to REA borrowers and other utilities after October 7 on third-quarter controlled materials orders may be accepted without applying fourth-quarter CMP allotments where the producer has received special NPA authorization to make such shipments.

Accordingly, borrowers may accept delivery on third-quarter copper and steel orders shipped after October 7 without a fourth-quarter allotment, provided the supplier indicates he has the necessary NPA authorization for shipment.

*Wm. C. Wise*

Acting Administrator







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CONTROLLED MATERIALS PLAN  
( C M P )

## DEFENSE BULLETIN No. 29

October 17, 1951

ANSWERS TO QUESTIONS CONCERNING  
OPERATION UNDER CMP

A number of questions have arisen, the answers to which should be of benefit to borrowers in achieving the most satisfactory operation under the CMP program. This bulletin supplements the detailed procedural and legal requirements outlined in other defense bulletins.

Q. What changes in classification of carbon steel affect the REA borrowers?

- A. (1) Effective January 1, 1952, guy wire and steel strand static wire are changed from Class B products to controlled materials.
- (2) Stacks are changed from a Class B product to a Class A product, effective January 1, 1952.
- (3) Welded wire fabric concrete reinforcing is changed from a Class B product to a controlled material, effective January 1, 1952.
- (4) Effective in the fourth quarter 1951, fabricated metal concrete reinforcing bars (standard bar shape) are changed from a Class B product to a Class A product.

Q. What rating should be applied to an order for the repair of transformers?

- A. When repair work by a repair shop requires the use of controlled materials such as copper, the amount of controlled materials must be charged against the amount authorized a particular borrower by REA. In rating a repair order which involves the use of controlled materials, therefore, the borrower should apply an H-4 symbol to the order, and specify the exact number of pounds of controlled materials required. This provides the repair shop with an allotment for the controlled materials needed.

In the event a borrower did not receive an allotment for controlled materials or if the borrower should require an additional allotment of



controlled materials for the purpose of making transformer repairs, the borrower should request REA for such assistance as may be needed.

In addition to providing a repair shop with an allotment of controlled materials where needed by applying the H-4 rating, a repair order should be further rated by the borrower by applying the rating DO-H-4 to cover repair items other than controlled materials.

In cases where transformer repairs do not involve rewinding but rather the installation of new core and coil assemblies, the DO-H-4 rating should be used since a new core and coil assembly would be classified as a Class B product and no controlled materials would be involved.

Reports from the field indicate that some repair shops at present do not want the H-4 symbol. However, the borrower should charge the amount of controlled materials required against its allotment from REA just as it would if it had applied the H-4 symbol.

- Q. What rating is an REA borrower authorized to place on orders for line construction tools for construction or MRO?
- A. "DO-H4-1Q52. Certified under CMP Regulation 6 and NPA Order M-50" is authorized by forms ADM-125A and ADM-125B for tools required for delivery in the first quarter. These items are classified as other than controlled materials.
- Q. I received an allotment of 1,000 pounds of copper for first quarter 1952 from REA on form ADM-125A (Minor) and plan to use 4,000 pounds of copper from inventory. I understand that Form ADM-125A approves the minor construction schedule for installing this 5,000 pounds of copper wire. May I extend CMP ratings for the necessary materials other than controlled materials to install the total 5,000 pounds of copper wire?
- A. Yes. The Form ADM-125A authorizes the borrower to order other than controlled materials necessary for use in connection with the authorized construction schedules and to apply CMP ratings to such orders. However, DO-H4 ratings may not be applied to orders for:
- (a) Materials listed in Table I attached to Defense Bulletin No. 22.
  - (b) Any item costing more than \$10,000 (without specific REA authorization),  
or
  - (c) Any materials on lease.

Also, CMP ratings may be used only to acquire materials and products in the minimum practicable amounts required and on a date or dates no earlier than required.



- Q. How do I make a request to REA for authorization to rate a single item costing more than \$10,000 for minor requirements?
- A. Request for such authorization should be addressed to the Engineering Division or Power Division, REA, Department of Agriculture, Washington 25, D. C. Such requests should give a complete description of the equipment, number of units, name of supplier, purchase value and your order number if the order has been placed. In addition, the request should describe the location and facility where the equipment will be installed, such as, "69/7.2 kv substation, one mile west of Bertha, Md." If the equipment is for replacement, explain why existing equipment is inadequate. Where the equipment is to be used as spare or standby facilities, such as spare transformers and oil circuit breakers, you should clearly indicate that such equipment is spare and justify its proposed use on the basis of previous experience, inadequate spare equipment or similar operating characteristics, and give any other information pertinent to this request.

The request shall clearly state that the items are for minor requirements use. If the equipment is heavy power equipment (turbines, engines, generators, boilers, coal pulverizers, condensers, transformers over 500 KVA, switch gear and oil circuit breakers), Form DEPA-5 must be filed with REA in addition to the request described above before any action can be taken on the request. Copies of DEPA-5 can be obtained from the Engineering Division or Power Division of REA.

- Q. Should I delay placing an order or approving a material contract until I am ready to extend a CMP authorization?
- A. No. Orders or material contracts should be placed well in advance of the date the materials are required in accordance with established practice. When your allotments are received from REA they should be extended to firm up the shipping dates and wire sizes, if not already specified, on these orders or contracts for the quantities of materials allotted by REA. The importance of placing the allotment and the CMP ratings in the hands of your supplier immediately cannot be over-emphasized. Wire sizes must be furnished to your suppliers at the earliest possible date to permit scheduling of the production and procurement of basic materials such as proper size steel case wire. Follow-ups should be made to insure that the order and the rating have been accepted by the supplier and the producer.
- Q. I have received defective controlled materials. Do I need a new allotment to secure replacement?
- A. No, you do not need a new allotment, even though replacement is in a later quarter.



Q. What records are required in connection with materials and CMP?

A. You should continue to keep the standard records as recommended by REA on orders, receipts, issue of materials.

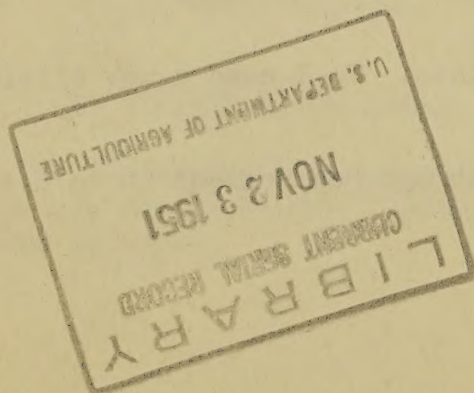
It is essential that copies of all allotments from REA, reports to REA on authorizations extended and authorizations returned to REA, and records of allotments to contractors, jobbers, suppliers and manufacturers be maintained for at least two years for your use as you deem desirable.

A sample form recommended by NPA for recording receipt and use of allotments for each controlled material during each quarter is reproduced below. In the case of carbon steel, separate forms should be set up for heavy structural, plate and other carbon steel.

CONTROLLED MATERIAL			UNIT OF MEASURE		QUARTER 4Q51		
Copper Wire-Mill Product			Lbs. Copper Content				
<u>Date of Allotment</u>			<u>Allotments</u>	<u>Returned</u>	<u>Reallotted</u>	<u>Orders</u>	<u>Bal-</u>
<u>Entry</u>	<u>Identification</u>	<u>Reference</u>	<u>Received</u>	<u>to REA</u>	<u>to other consumer</u>	<u>Placed</u>	<u>ance</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Aug. 15	5-4118	REA Allotment	1200				
17		XYZ Corp.				800	400
20		Transformer Rep.Co.			200		200
Aug. 30		Returned to REA		200			-0-

*Claude R. Wickard*

Administrator





CONTROLLED MATERIALS PLAN  
( C M P )

## DEFENSE BULLETIN No. 30

November 14, 1951

SUBMISSION OF ADM-128 FOR MAJOR  
PLANT ADDITIONS BY REA BORROWERS

The Defense Electric Power Administration has recently issued a new form DEPA-9 which the electric utility industry will use from now on in requesting approval to construct major plant additions. This form replaces forms DPA-2, DPA-3 and DEPA-3S.

Instead of DEPA-9, REA borrowers will use a new REA form designated as ADM-128 to request permission to construct major plant additions, allotments of controlled material and authorizations of CMP ratings to purchase other items for such major plant additions. The new form ADM-128 is substantially the same as form DEPA-9 for the rest of the electric utility industry, except that it uses REA terminology and reduces the amount of work which would otherwise be required of REA borrowers. Forms DPA-2, DPA-3 and DEPA-3S will no longer be used.

Any REA borrower which now has a major plant addition underway or planned should complete and submit promptly ADM-128 in duplicate. These should be mailed by December 5, 1951. These will supersede the old submissions on forms DPA-2, DPA-3 and DEPA-3S, which are now generally considered inadequate for current project review, requirements and allotments. Filing of Form ADM-128 is not necessary if you do not propose to construct any major plant additions before the end of 1953.

For future major plant additions (those not now under construction nor planned), REA form ADM-128 should be completed and submitted as soon as the project is contemplated or planned. Form ADM-128 is also to be used for submitting amendments of previously filed major plant addition statements.

Attached are sample copies of Form ADM-128 and of the "Instructions." Additional copies of these will be furnished by REA upon request. In making requests, please specify separately the number of copies required of the form and of the instructions.

Borrowers which have already submitted Form DPA-2 will find that Section II on that form is similar to Item 16 on the new form ADM-128.



The principal changes from the superseded DPA-2, DPA-3 and DEPA-3S forms are as follows:

1. Controlled material requirements are more simply stated. Form ADM-128 provides columns in which to state controlled materials requirements through the fourth quarter 1953. The instructions further provide that such requirements are to be stated for the life of the project, to the extent known, using additional sheets if such requirements carry beyond the fourth quarter 1953.

2. The listing of items required for the project has been separated into two sections. The first (Item 11) covers controlled materials and Class A products, and the second (Item 12) covers Class B products and items other than controlled materials. A cross reference is provided between the listing in Item 11 and the controlled materials requirements set forth in Item 9.

3. A space is provided (Item 15) to list other major plant additions which may be closely related to the particular project.

4. The information requested as "Description and Statement of Necessity" is to be furnished on attached sheets rather than on the form itself. This has been simplified in that reference may be made to data already on file in REA, or currently being submitted to REA.

5. Although Form ADM-128 is a two-sheet form, provision is made for filing amendments which consist only of changes in controlled materials requirements by detaching the second sheet and filing only the first sheet of the form. After a major plant addition has been approved by REA, any and all requests for a change in controlled material requirements (or Class A product requirements) are to be shown by submitting a revised "sheet one" of the form. REA cannot allot materials for a major plant addition in excess of the amount shown on Form ADM-128. You may telephone or telegraph new information to REA but it must be confirmed on "sheet one" of Form ADM-128.

6. Amendments should be submitted whenever the schedule of controlled materials requirements changes as to amount and time of required delivery.

Form DEPA-5 referred to on ADM-128 and in the instructions thereto relates to heavy power equipment. It is now undergoing revision. When the Defense Electric Power Administration issues revised DEPA-5, copies will be provided REA borrowers. In the meantime, the existing form DEPA-5 is to be used. Most of the borrowers concerned have received or procured copies of this form.

The instructions for ADM-128 should be studied carefully prior to use of the form. Reference should also be made to REA Defense Bulletins and other information which has been provided concerning materials. Complete and detailed information is required in order for REA to review major plant additions, and to allot the necessary controlled materials. Your close attention to this matter is therefore very important.

*Claude R. Wickard*

Administrator

Enclosures



U. S. DEPARTMENT OF AGRICULTURE  
RURAL ELECTRIFICATION ADMINISTRATION

REA BORROWER'S MAJOR PLANT ADDITION  
APPLICATION FOR AUTHORITY TO CONSTRUCT, FOR ALLOTMENT  
OF CONTROLLED MATERIALS, AND FOR DO RATINGS

TO: U.S. DEPARTMENT OF AGRICULTURE, REA, WASHINGTON 25, D.C.

**INSTRUCTIONS** - Submit two (2) copies to Rural Electrification Administration for each major plant addition. Please read detailed instructions carefully.

6. CHECK APPLICABLE BOXES

LOAN HAS BEEN MADE YES ☐ NO ☐

a. THIS APPLICATION

- ☐ IS INITIAL FILING  
☐ REVISES CONTROLLED MATERIAL REQUIREMENTS  
☐ AMENDS PROJECT IN OTHER WAYS

## FOR REA USE ONLY

REA IDENTIFICATION

1. PROJECT DESIGNATION

2. BORROWER'S NAME AND ADDRESS

3. DATE SUBMITTED

4. REA IDENTIFICATION  
PREVIOUSLY ASSIGNED,  
IF ANY

5. DATE OF LAST  
PREVIOUS FILING

b. THIS APPLICATION REQUESTS

- ☐ PROJECT APPROVAL (PERMISSION TO CONSTRUCT)
- ☐ ALLOTMENT OF CONTROLLED MATERIALS
- ☐ RATINGS TO PURCHASE MATERIALS AND PRODUCTS OTHER THAN CONTROLLED MATERIALS

7. CONSTRUCTION SCHEDULE, DESCRIPTION OF CONSTRUCTION. (SEE ATTACHED INSTRUCTIONS)

## 8. CONTROLLED MATERIALS

SHOW TOTAL DELIVERY REQUIRED, BEGINNING WITH THE CURRENT QUARTER, EVEN THOUGH PREVIOUSLY REPORTED OR ALLOTTED (SEE INSTRUCTIONS)

[illegible]







INCLUDE SIGNIFICANT REQUIREMENTS FOR B PRODUCTS AND NON-CONTROLLED MATERIALS WHICH TOGETHER WITH VALUE OF ITEMS IN ITEM 11 WILL EQUAL AT LEAST 80 PERCENT OF THE GROSS MATERIALS COST OF THE PROJECT. REPEAT ITEMS LISTED ON FORM DEPA-5 FOR PROJECT. (SEE ATTACHED INSTRUCTIONS)

ITEM (a)	UNIT OF MEASURE (ea.etc) (b)	TOTAL NUMBER OF UNITS TO BE USED (c)	NUMBER OF UNITS ON HAND OR IN PLACE (d)	BALANCE REQUIRED (e)	REQUIRED DELIVERY DATE (f)



13. SUMMARY OF TRANSMISSION LINE CHARACTERISTICS

TERMINAL POINTS		TO		LENGTH (MILES)	NOMINAL VOLTAGE	TYPE	SIZE	CONDUCTOR NUMBER
FROM								

14. SUMMARY OF SUBSTATION CHARACTERISTICS

NAME OR IDENTITY		VOLTAGES	TOTAL KVA PROPOSED	EXISTING KVA

15. LIST OF OTHER MAJOR PLANT ADDITIONS FOR WHICH ADM-128 HAS BEEN OR IS BEING SUBMITTED

REA IDEN. NO.	PROJECT DESIGNATION	BRIEF TITLE AND LOCATION OF CONSTRUCTION

16. DESCRIPTION OF NECESSITY (Furnish Answers on Attached Sheets)

On attached sheets, each of which will carry the name of the borrower and the system designation and REA identification if known, furnish the following information. Identify your answers with the letters and/or numbers before the individual items listed below.

A. Description

Describe the proposed construction in terms of its generation, transmission or distribution function, showing the type, size, and quantity or capacity of facilities being installed or constructed. This *general description* should be supplemented by referring to and identifying the actual plans and specifications, construction contracts, or other descriptive data which has been submitted to REA.

B. Statement of Necessity

1. Explain the need for the construction and the timing requested, including a statement of relation to direct military needs, defense production or essential civilian needs. If construction is primarily for the purpose of serving a particular consumer, state consumer's name and location and his product or operation, showing relation to direct military needs, defense production or essential defense supporting activities such as food production, if this is not obvious by the nature of the product or operation. If construction is for the benefit of an area rather than of a particular consumer, list significant types of consumers in the area, showing their relation to direct military needs.

A. If extensions or additions to outside plant are involved, provide line diagrams, pertinent system maps, schematic sketches and the like to show the proposed construction and its relation to existing facilities where such data has not already been provided to REA through the normal course of loan and construction procedures. If this information has been submitted it should be listed and identified; however, in this

17. ATTACHMENTS TO BE PROVIDED

case a small sketch should be attached to help identify the major plant addition.  
B. For each substation provide two copies of a schematic diagram, if not included in plans and specifications.  
C. Provide two copies of a detailed up-to-date construction schedule (bar chart) for all generating plant projects.

C. Exhibits  
Furnish a list identifying each document, form, map or other exhibit attached. Exhibits already available in REA need not be duplicated but should be specifically referred to.  
complete data being included.  
c. When any of the above data is already available in REA in load studies, system studies, cost analyses, loan justifications and so forth, the essential characteristics only need be restated with a direct reference to the more complete data being included.

b. Where construction is being justified only on the basis of insufficient firm capacity and not on conditions which exist with all circuits and equipment in service, show clearly what capacity is available under normal conditions, and what is available under described emergency conditions. In this case, 24 hour ratings of cable and equipment are to be used as the basis of justification.  
c. When any of the above data is already available in REA in load studies, system studies, cost analyses, loan justifications and so forth, the essential characteristics only need be restated with a direct reference to the more complete data being included.

2. Show the project's relation to existing power facilities. a. If existing facilities are inadequate, explain why. For inadequate equipment, show the name plate rating and the maximum load which you believe can be carried, taking into account the load cycle, regulation and continuity of service and whether the use of auxiliary cooling equipment is feasible. For inadequate cable or open wire, give the size and the maximum load which you believe can be carried, taking into account the load cycle involved. Give past load and estimated future load which make the proposed construction necessary, together with season and year when it is estimated that the load will exceed the capability of present facilities.



UNITED STATES DEPARTMENT OF AGRICULTURE  
RURAL ELECTRIFICATION ADMINISTRATION

NOVEMBER 1951

INSTRUCTIONS FOR FORM ADM-128

GENERAL INSTRUCTIONS

Use of Form ADM-128

Form ADM-128 supersedes Forms DPA-2, DPA-3, and DEPA-3S, and must be filed by REA borrowers in order for them to obtain authority to construct "major plant additions," (see Definitions), and in order to obtain CMP allotments of controlled materials and ratings to purchase materials and products other than controlled materials for such "major plant additions", even though these DPA forms had been previously submitted.

When to file

Form ADM-128 should be submitted as soon as sufficient information about the project is known. It must be filed as an amendment whenever the scope or schedule of the project changes. It is desirable that applications for substantial amounts of controlled materials be filed at least six months before the desired quarter of material allotment so that these requirements can be considered in the preparation of total REA requirements presented to DEPA. It is to the advantage of both the borrowers and REA to have *all* requirements for controlled material allotments on file at least three months before the quarter in which first shipment must be made. Please note that space has been provided on ADM-128 to indicate whether or not a loan has been made for the construction. Form ADM-128 should be filed even though a loan has not been made. Actual allotments of material cannot be made, however, until a loan has been granted.

REA *will not* allocate controlled material without having an appropriate Form ADM-128 and will not allocate quantities in excess of those shown on Form ADM-128. If controlled material requirements change in any way, either increase, decrease, or shift from one quarter to another, the change must be shown on sheet one of Form ADM-128. This new information must be submitted to REA on Form ADM-128 although you may have presented the information by telephone or telegram.

Where to file and number of copies

File two copies of ADM-128 for each major plant addition with either the Engineering or Power Division,

Rural Electrification Administration, Department of Agriculture, Washington 25, D. C., with two copies of attached material and exhibits. Retain for your files one copy of all data submitted. You will receive notice of the identification number assigned to each submission immediately upon receipt by REA.

What constitutes a single major plant addition

Order M-50 establishes the limits of what should be considered a single major plant addition (see Definitions). A separate filing of Form ADM-128 must be submitted for *each* major plant addition. Also, a separate filing of Form ADM-128 should be submitted for the generating plant part of any major plant addition separate from the transmission lines connecting the generating plant. For this purpose it should be considered that a generating plant includes transformation and switching facilities at the generating plant.

Where to obtain copies of Form ADM-128

Copies of this form may be obtained from Rural Electrification Administration, Department of Agriculture, Washington 25, D. C.

How approval will be made

If the application is approved, you will receive notice on Form ADM-125B which will contain any necessary authorization to construct, allotments of controlled materials, and ratings to purchase other materials and products. If allotments of controlled materials are made, you will also receive carbon copies of Form ADM-125B which must be filled out and returned within a specified period indicating what disposition has been made of the allotments.

Other instructions

In addition to these instructions and those on the form, the borrowers should be familiar with the various Defense Bulletins or similar information which has been issued by REA.



## / SPECIFIC INSTRUCTIONS

### Item 1. *Project Designation*

If the scope of the major plant addition is covered by two or more loans this should be shown, such as, Colorado 45 K & L Jones. Also, the scope should cover the entire major plant addition although part of it may be already completed. An example of this would be a large transmission project which was started in late 1950 and which is not yet complete.

### Item 2. *Self-explanatory*

### Item 3. *Self-explanatory*

### Item 4. *Self-explanatory*

### Item 5. *Date of last submission*

Indicate the date of the last ADM-128 which was submitted for the particular major plant addition for which this is a supplementary submission.

### Item 6. *Self-explanatory*

### Item 7. *Construction schedule (Description of Construction)*

This is a brief description of the major plant addition (not a time schedule), for example: "217 miles of 7.2/12.5 kv lines in the K and L sections and related substations at Jonesville and Hackton" or "30,000 kw steam plant at Smithville" or "98 miles of 154 kv line and 175 miles of 69 kv line and related substations at Ripley, Decatur, Arcadia and Edison." Upon approval by Form ADM-125B this will become your "authorized construction schedule" (See Definitions).

### Item 8. *Controlled Materials Requirements*

Show amounts of controlled materials which must be shipped by suppliers each quarter to (a) your fabricators of class A products, (b) your construction contractors, and (c) you, in order to meet your time schedule for the project. Allotments should not be requested for quarters earlier than absolutely necessary to complete the construction when needed. Do not include amounts of controlled materials which are available in excess inventory. Do not include the controlled materials contained in any class B product. In the case of class A products, state the weight of controlled materials required by the manufacturer and not the gross weight of the class A products.

Please note carefully that the amounts stated in Item 8 for all filings, whether initial, resubmission, or amendment should be the total amounts of controlled materials required to be purchased from mills or other suppliers each quarter for the project, even though part or all of the amounts required may have been previously applied for or allotted by REA. The one qualification to this is that it is not necessary on

amendments to restate requirements for quarters which, at the time of filing the amendment, are past quarters, i.e., have already ended on the calendar. In filing amendments, mark with an asterisk (\*) each quantity in Item 8 which differs in amount or quarter from the most recent previous filing.

The following are illustrative cases:

1. The initial filing asked for 100 tons of structural steel for the first quarter of 1952 and 100 tons for the second quarter of 1952 and no allotment has yet been made by REA. It is now desired to reduce the request for the second quarter by 25 tons and add this amount to the requirements for the first quarter. The amendment should show the revised request as follows:

1st Quarter 1952	125 tons*
2nd Quarter 1952	75 tons*

Mark both quantities with an asterisk (\*).

2. The same requirements have been submitted as in case 1 and REA has already issued the full allotments requested for both quarters. It is desired to make the same changes as in case 1. The amendment should be filed exactly as shown in case 1. In addition, the applicant should make a return of 25 tons for the second quarter 1952 on a carbon copy of Form ADM-125B.

Controlled materials requirements should be submitted for the life of the project to the extent that they are known or can be estimated. If these requirements extend beyond the last quarter printed on the form, requirements for later quarters should be submitted on attached sheets, duplicating the Item 8 portion of the form to the extent practicable.

Please note carefully the requested units of measure for stating material requirements in Item 8. Carbon steel and alloy steel must be stated in tons to the first decimal. Stainless steel is in pounds. Copper and copper-base alloys, and aluminum are to be stated in net pounds. (Do not include weight of steel content of bi-metallic conductor.)

### Item 9. *Planned construction dates*

If the project has more than one major component, show starting and completion dates for each component separately. For example, if the project involves a transmission line and its terminal substation, show starting and completion dates for the line and each substation separately. For generating units, show starting and completion dates separately for each unit. Completion date should be that date on which the item is useable, not necessarily the date when clean-up work and nonoperating details are finished.

### Item 10. *Estimated costs*

"Gross material cost" is the total cost of all material to be incorporated in the plant addition.



"Total cost" includes the gross material cost plus the labor and other costs. "Net material cost" means the cost of all material incorporated in plant less the cost of all material removed from plant, priced in accordance with the borrower's regular accounting practice.

*Item 11. Controlled materials and class A products*

List here all controlled materials and class A products to be used in the job. Include items for which controlled materials allotments are applied for in Item 8 as well as items which can be taken from stock.

Show item in terms of their ultimate use (e.g., "Busbar") rather than in terms of their controlled materials classification (e.g., "copper and copper-base alloy brass mill products). If an allotment requirement for an item has been shown in Item 8, identify in column (g) of Item 11 the CMP code for the required controlled material, as shown in the first column of Item 8. For example, an allotment request for "Substation steel structures," which require quantities of structural shapes (heavy) and other carbon steel shapes and forms, would involve the entry of the following CMP codes in column (g): 14, and 17.

In column (f) state the quarter in which delivery of the item described in column (a) is required by the borrower or its contractor. For class A products, this may be later than the requested quarter of allotment in Item 8. Use separate lines for otherwise identical items if different delivery quarters must be stated in column (f). Minor items may be grouped, for example, "miscellaneous control cables" for a substation.

*Item 12. Other items required for project*

In this item should be listed significant class B products and non-controlled materials the value of which, together with the value of items listed in Item 11, will equal at least 80 per cent of the gross materials cost of the project.

The following must be included:

Type the heading "Items submitted on Form DEPA-5" at the top of the page and list those items thereunder

for which DEPA-5 submissions are required. Spare items among this group must be designated as "spare." If Form DEPA-5 has not been filed with REA it should be submitted immediately in triplicate. PLEASE NOTE THAT DEPA-5 IS TO BE FILED WITH REA. If the form has previously been filed but changes in delivery dates have been made, please file a revised DEPA-5 in triplicate showing the new dates.

In general, the listing for Item 12, without enumerating every nut and bolt going into the construction, should be in sufficient detail to leave no doubt as to the scope, type, and general makeup of the construction.

The required delivery date to be stated in column (f) of Item 12 should be the month and year when the item must be shipped to the project.

*Item 13. Summary of transmission line characteristics*

List each segment of line construction which differs significantly from others in the characteristics shown. Give line length to the nearest 0.1 mile. The voltage shown should be the design voltage, which may not necessarily be the operating voltage. Operation at a lower voltage would be described in Item 16. "Type of conductor" means whether it is copper, ACSR, copperweld, etc. List shield wire on a separate line of the form beneath its associated transmission line, showing only length and wire type, size and number. The column headed, "Number" means number of conductors, not the wire size number.

*Item 14. Summary of substation characteristics*

Show information separately for each substation involved in the project. Voltages shown should be for both incoming and outgoing lines (e.g., 69/7.2kv). KVA should be shown as 3 - 1000 kva, etc.

*Item 15. List of other major plant additions for which ADM-128 has been or is being submitted*

List all major plant additions, both those approved by REA and those for which an application is now being prepared, which are affected by or related to the major plant addition covered by the current application.

SPECIAL INSTRUCTIONS

*Applications for ratings only*

It may be desirable to obtain authority to apply DO-H-3 ratings to orders for class B products such as unit substations and turbo generators, which require a long lead time, before other details of the project have been worked out. If such class B products are being ordered for use in a specific project, the borrower should state in the sections of Form ADM-128 for which information is not available the following:

"Information to be submitted at a later date." However, in answer to Item 16, as much detail should be supplied as is available concerning the need for the class B products for which the rating authority is requested.

*Filing of amendments*

If the amendment changes the scope or details of the major plant addition, a complete new Form ADM-128



must be submitted. If the amendment merely amends controlled material requirements, it is necessary to fill out only Items 1 through 11, and submit only first sheet of the Form ADM-128, containing pages 1 and 2. Item 11 should be filled out to the extent that any of the information required differs from the

most recent previous filing. Completely restate in Item 8 the amounts of controlled materials required for each quarter, beginning with the current quarter, even though part of the requirements may already have been reported by the applicant or allotted by REA. See Specific Instructions, above, for Item 8.

#### DEFINITIONS

##### *Plant Addition:*

"Plant addition" means the construction or installation of new facilities or the replacement of existing facilities with facilities of greater capacity. Single plant additions may not be combined or subdivided for purposes of affecting their classification as "major plant additions", as defined below. To assist in determining whether particular construction constitutes one, or more than one, plant addition, it shall be considered that a single plant addition consists of:

1) Any construction of related facilities, excluding maintenance and repair work, which is completed during a continuous period of construction, not interrupted by periods of time such as months or years, except where such interruption is caused by uncontrollable forces, such as adverse weather conditions.

2) In the case of line construction, a single continuous integrated system of lines, with necessary connected substations. (Thus, several sections of line emanating from different points on a borrower's system would be several plant additions, not one plant addition.)

##### *Major Plant Addition:*

"Major plant addition" means any plant addition which involves one or more of the following:

1) Line construction designed for operation at more than 15 kv where the plant addition requires more than 10,000 pounds gross weight of conductor; or

2) Line construction designed for operation at 15 kv or less where the plant addition has a net material cost exceeding \$50,000; or

3) Non-line construction necessary for the generation, transmission, and distribution of electric power, where the plant addition has a net material cost over \$50,000, excluding construction of facilities for use

as a garage, warehouse, operating headquarters, office building, administrative building, or other similar use, unless such facilities are essential for the generation, transmission, and distribution of electric power.

##### *Approved Major Plant Addition:*

"Approved major plant addition" means any major plant addition in which REA has authorized commencement or continuation of construction by means of approval on Form ADM-125B.

##### *Authorized Construction Schedule:*

"Authorized construction schedule" means a construction schedule, such as construction of "300 miles of 7.2/12.5 kv distribution line, and 3000 kva 69/7.2 kv substation at Jonesville" which has been approved for an REA borrower by REA. Such approval will be shown on Form ADM-125B.

##### *Carbon Steel*

Structural Shapes (Heavy): Includes all structural shapes or special sections with at least one dimension 3" or more; sheet piling, H piling and bearing piles.

Plate: This means universal, sheared and continuous strip mill plates and includes:

0.180 inch or thicker, over 48" wide

0.230 inch or thicker, over 6" wide

or

7.53 lb. per square foot or heavier, over 48" wide

9.62 lb. per square foot or heavier, over 6" wide

Other Carbon Steel: Includes all standard and special shapes under 3", concrete reinforcing bars, black plate, tin plate, terne plate, rails, etc. Does not include plate and heavy structural shapes as defined above.

